

## Chapter 3

### 1.

```
paGen <- function(nGen)
{
  adj <- rbind(0:1,1:0)
  nverts <- 2 # number of vertices
  for (gen in 1:nGen) {
    # find degrees, normalize to sum to 1
    # ...
    target <- sample(1:nverts,1,prob=degs)
    # form updated/expanded adj matrix
    # ...
  }
  adj
}
```